SPECIFICATION FOR APPROVAL

SUPPLIER：Postek Electronics Co., Ltd

PRODUCT MODEL： FYT-01-5

PRODUCT NAME： 2.4G Antenna

PRODUCT CODE：M01-0601310R0A

PREPARED BY：	DATE：
PengCheng.Gao	2023.08.30

ADDRESS：	TEL：
Wisdom Plaza, Block B, Tower 2, 18th Floor,Nanshan District, Shen Zhen	0755-83240988

POSTEK

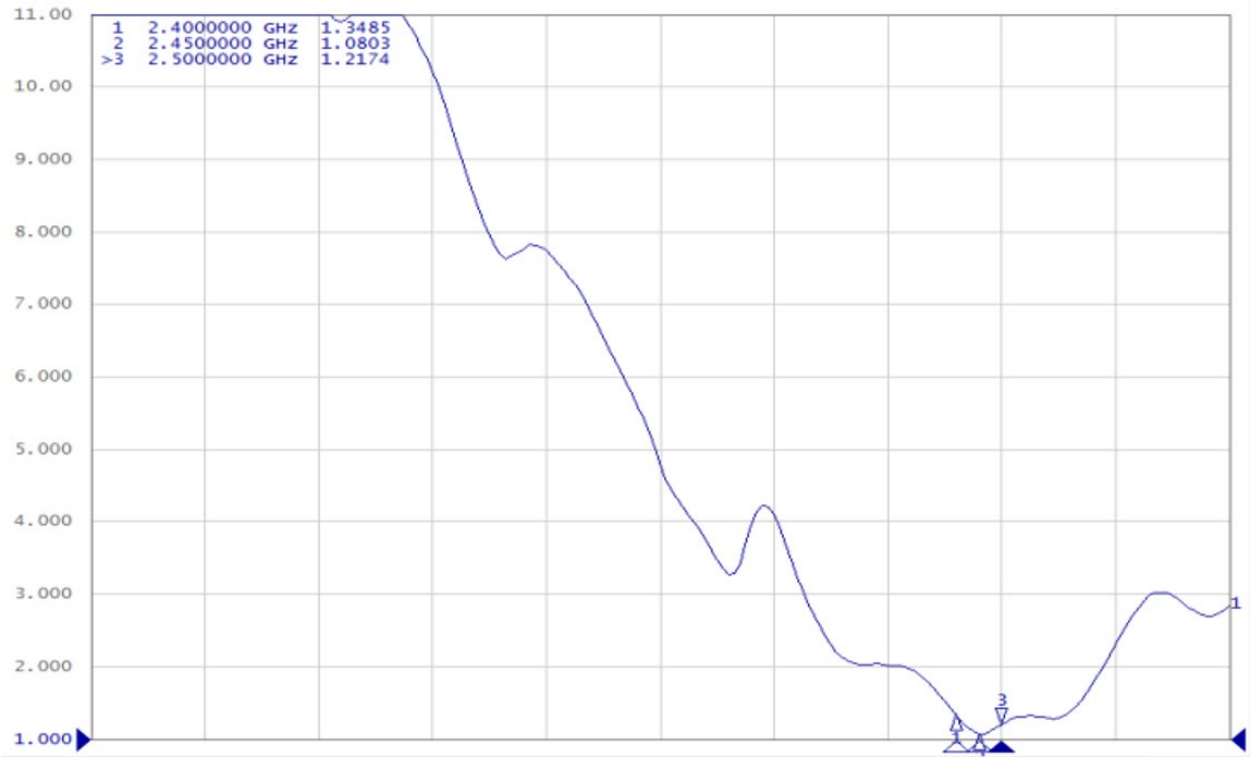
PERFORMANCE PARAMETER

1. Electrical Characteristics		
1	Frequency Range	2400-2500MHz
2	V.S.W.R	≤3
3	Gain	3.77dBi
4	Efficiency	41.06%
5	Impendence	50Ω
6	Polarization	Linear
7	Interface type	Ipex
2.Mechanical parameters		
1	Measure	FPC:50.85*8.5mm/ Cable: 550.0mm*Φ1.13mm
2	Colour	Black
3.Environment Condition		
1	Working Temp	-30℃~80℃

TESTING CURVE

1. Performance test

1.1 V.S.W.R



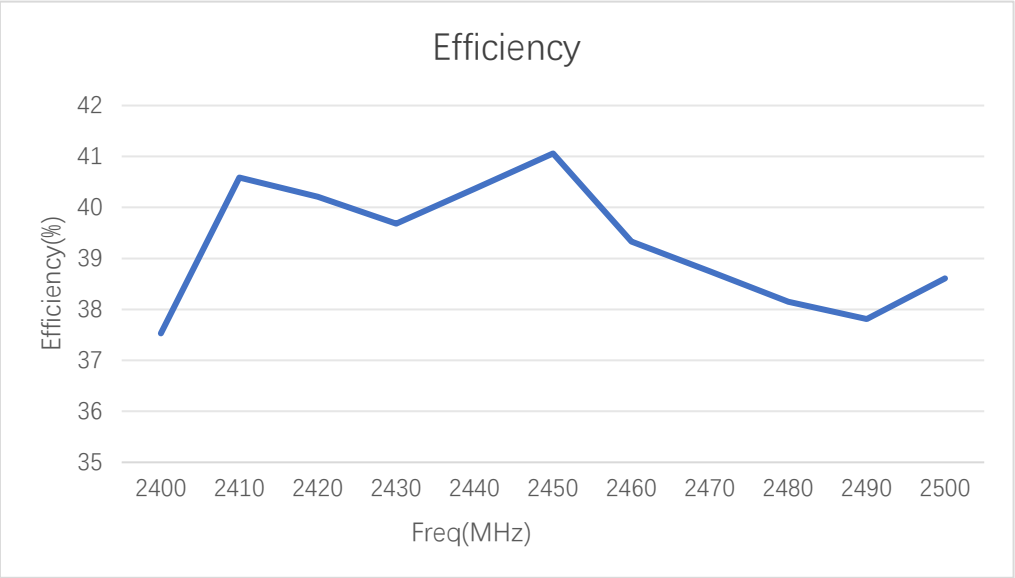
Data list

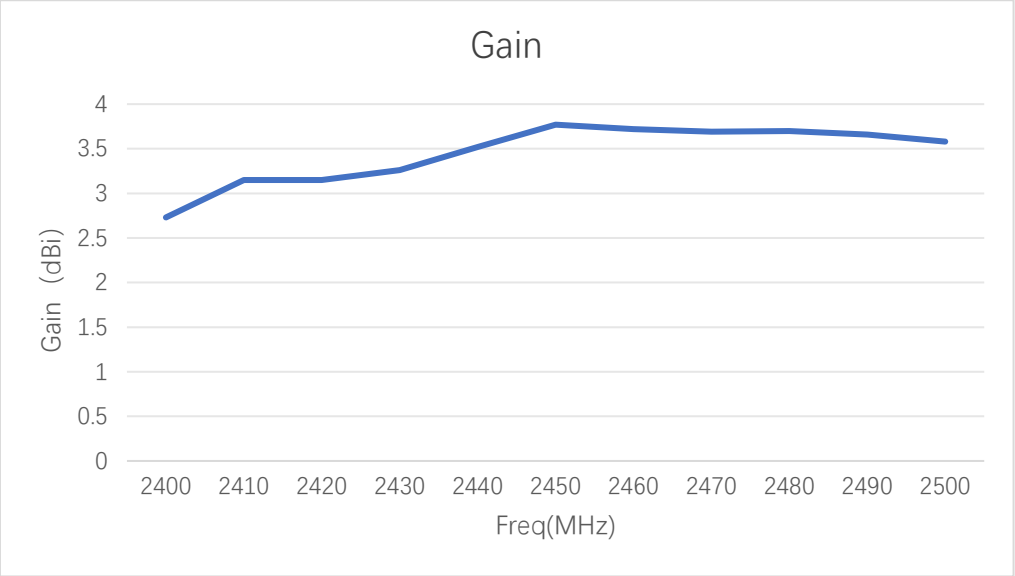
Freq	2.4	2.45	2.5
VSWR	1.35	1.08	1.22

TESTING CURVE

2. Passive testing

2.1 Efficiency and Gain





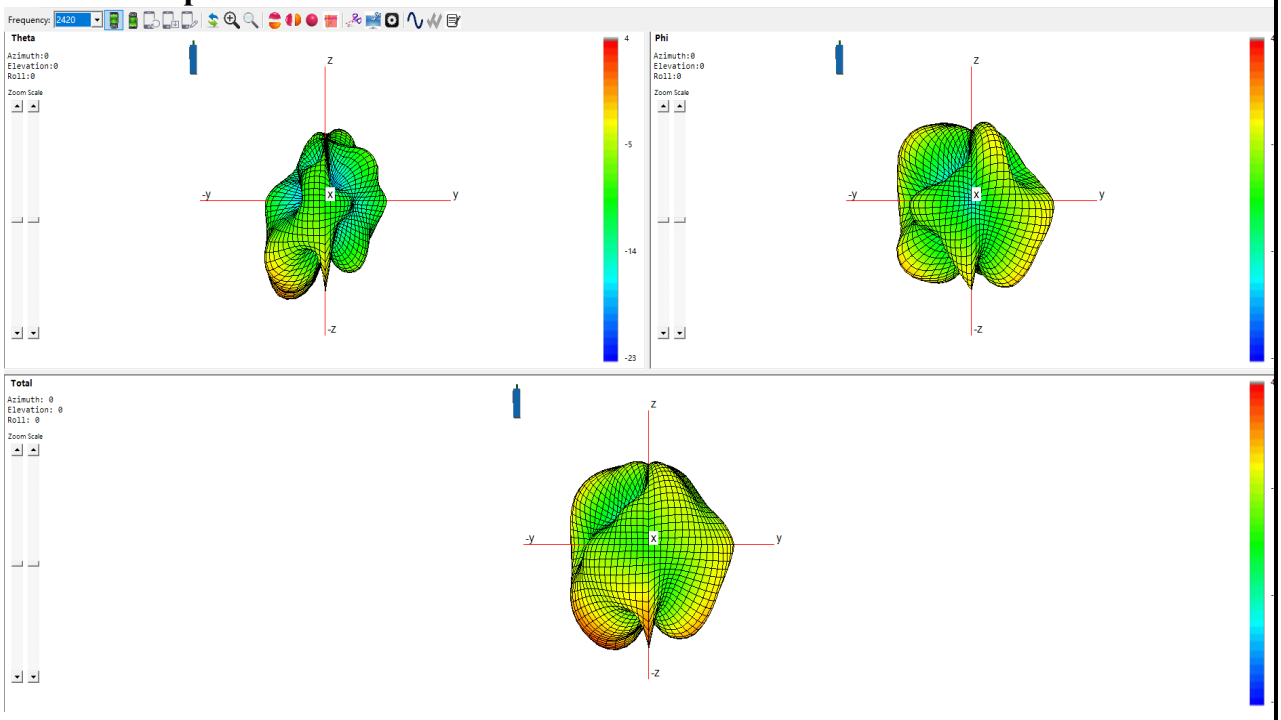
TESTING CURVE

Efficiency and Gain Data list

Freq(MHz)	Efficiency(%)	Gain（dBi）
2400	37.53	2.73
2410	40.59	3.15
2420	40.21	3.15
2430	39.68	3.26
2440	40.37	3.52
2450	41.06	3.77
2460	39.33	3.72
2470	38.75	3.69
2480	38.15	3.7
2490	37.81	3.66
2500	38.61	3.58

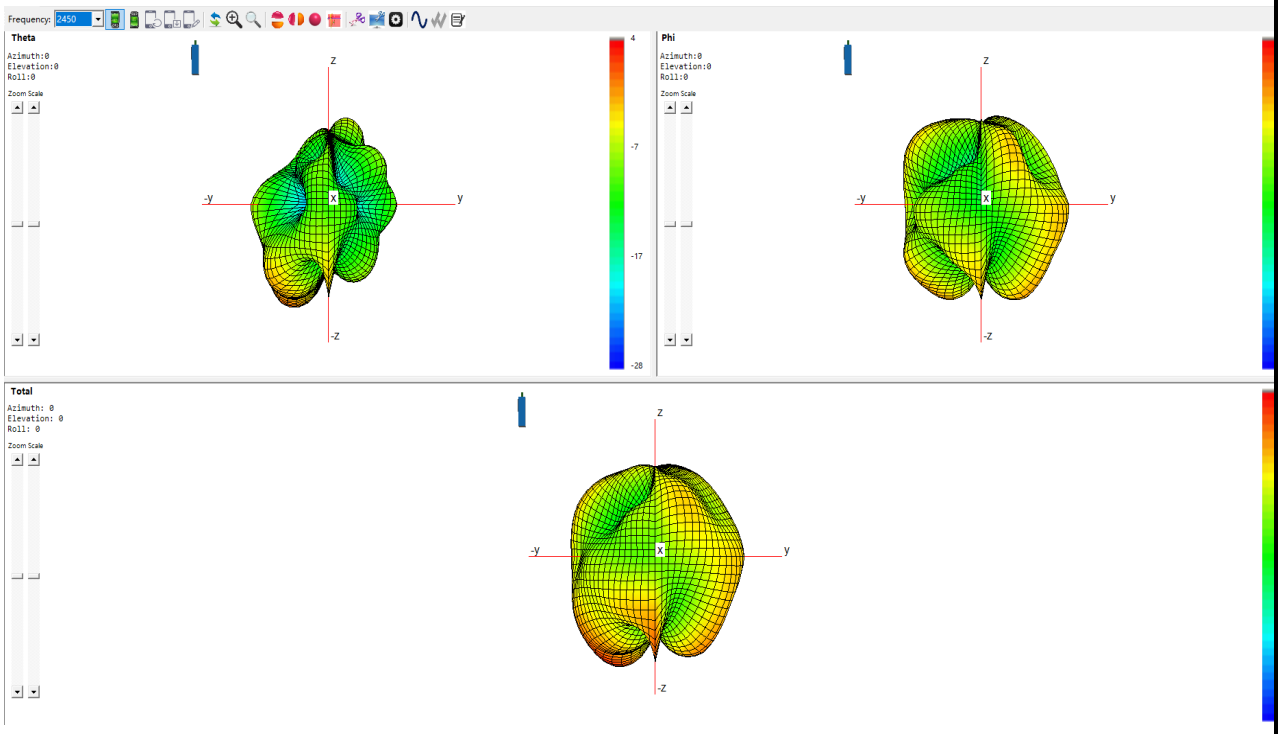
TESTING CURVE

2.2 3D Map



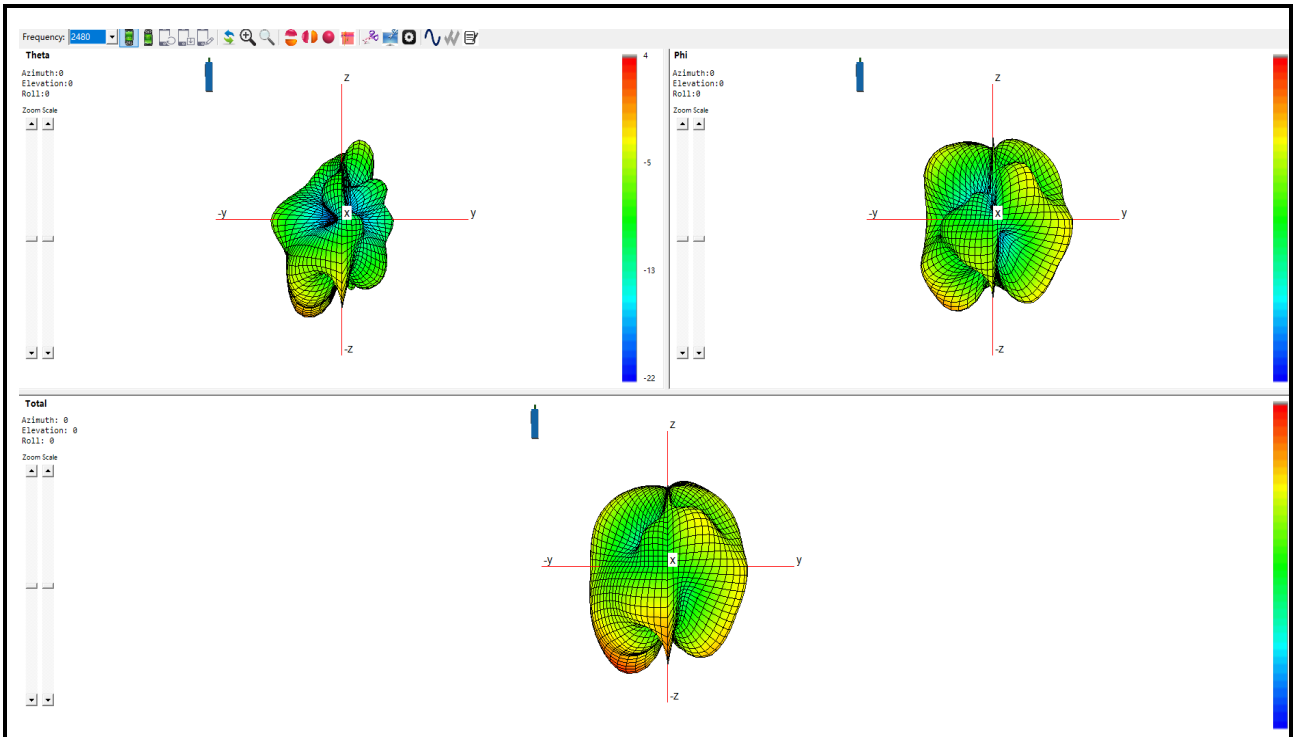
2420MHz

Gain=3.15dBi



2450MHz

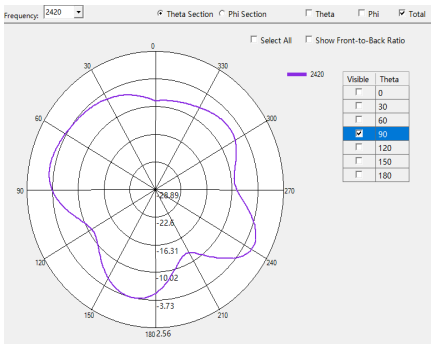
Gain=3.77dBi

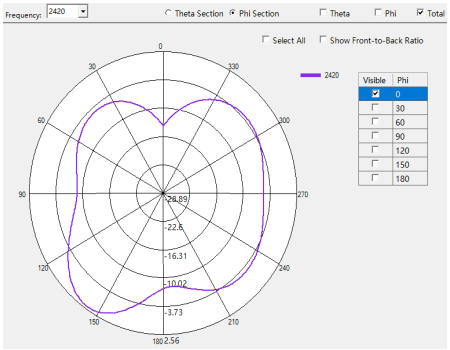


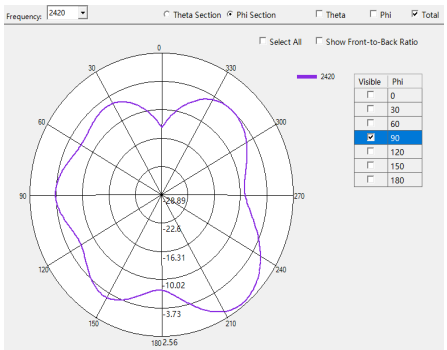
2480MHz

Gain=3.70dBi

2.3 2D Figure

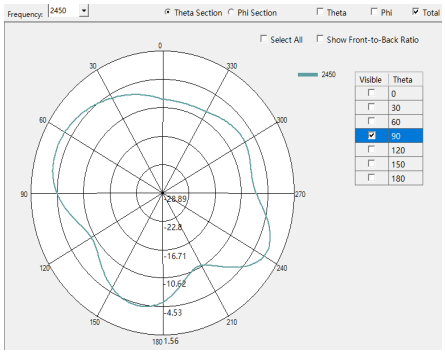


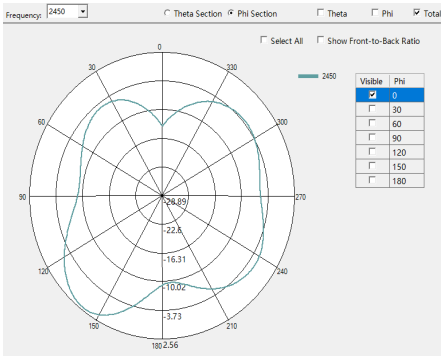


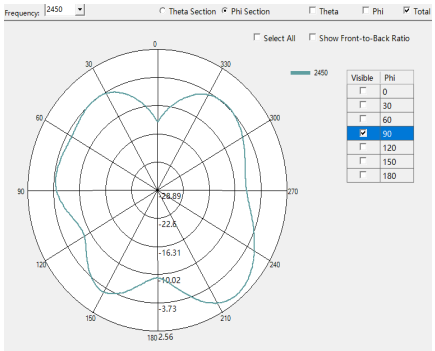


2420MHz

Gain=3.15dBi

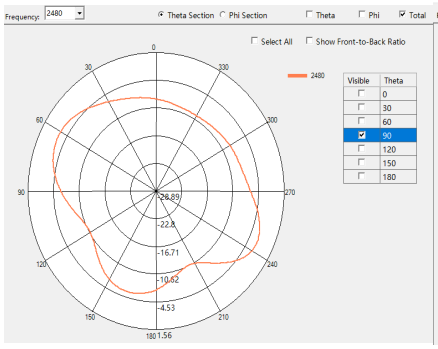


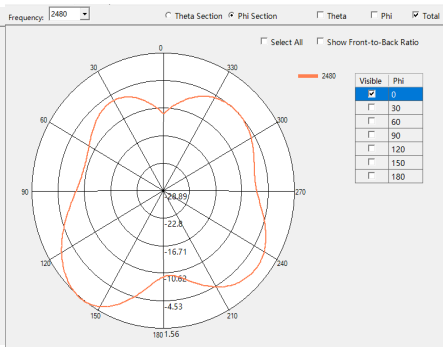


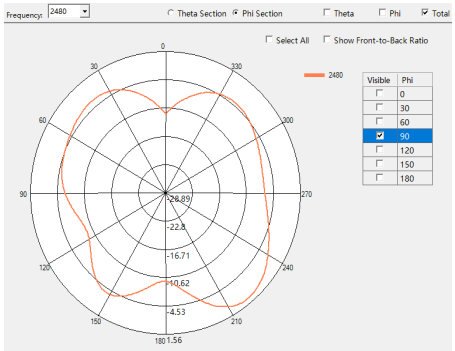


2450MHz

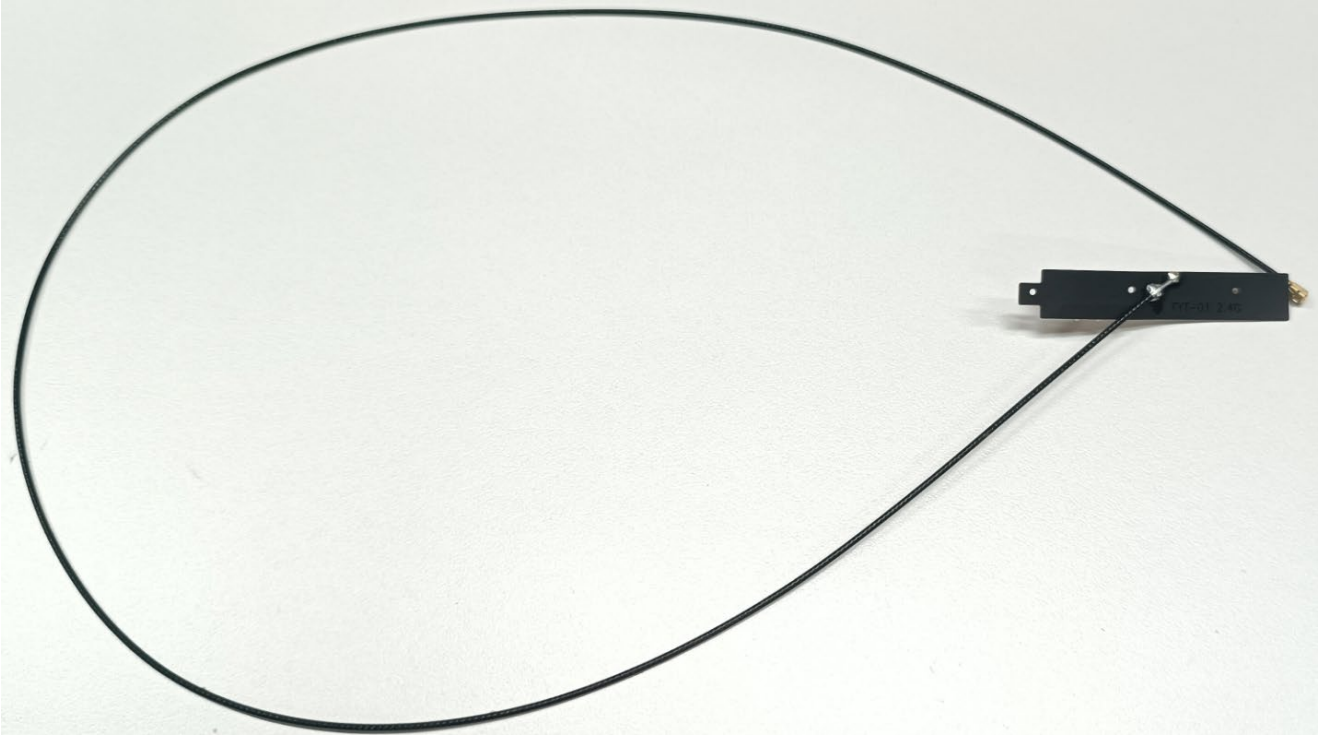
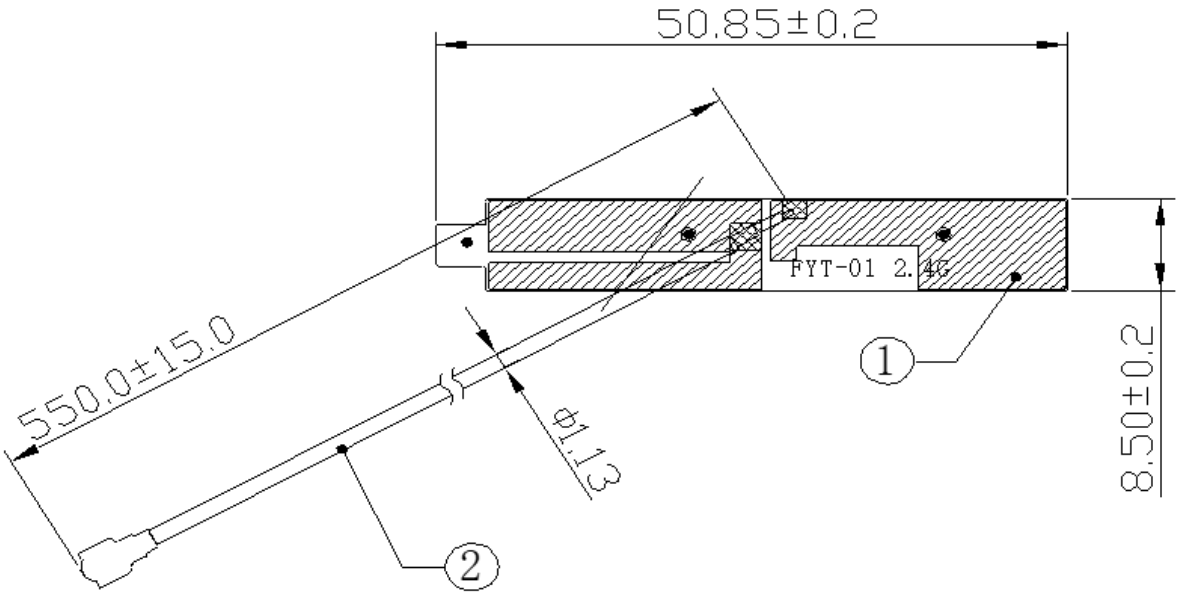
Gain=3.77dBi







2480MHz

Gain=3.70dBi

ANTENNA PHYSICAL DIAGRAM